

ABSTRACT

5 The present invention relates to a process for deriving dendritic cells from mononuclear cells in culture comprising the step of putting in contact type I IFN with said mononuclear cells. Dendritic cells suitable as cellular
10 adjuvants in prophylactic as well as therapeutic vaccination of animal and human beings, are obtainable thereby, after a single step treatment in a brief period of time. Dendritic cells obtainable thereby, pharmaceutical compositions including them, in particular a vaccine comprising said
15 cells as active principle, and a method of treatment of a pathology associated with the presence of an antigen in human beings, are further objects of the invention, as well as a kit for deriving said dendritic cells and a method for the ex vivo expansion of T cells using them.